

Interoffice Memorandum

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Product Development
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ORMCO CONFIDENTIAL AND PROPRIETARY INFORMATION**ORTHODONTIC PRODUCTS****B. RESEARCH AND EXPLORATORY PRODUCT INVESTIGATIONS****TYPE I** (Built In-House)**BI-2. CustomR_x CUSTOM LABIAL APPLIANCE SYSTEM** (Project 853-E Craig Andreiko/Eric Chapoulaud)**a. Lab Reopening** (Craig Andreiko / Eric Chapoulaud)**1) Accomplishments / Status**

- ☒ A Plan describing the activity for this project has been written and submitted for approval. It intends to allow us to produce 5 clinical cases in the next six months using the new 3D JIGS, that will be clinically tested in a closeby office.
- ☒ According to this plan, a case of 5x5 for the uppers of the PK Thomas model has been manually designed: Wire and Brackets position and characteristics. A new appliance design software (codename Atlantis) was created allowing the tooth long axis definition and Wire design.

2) Goals For April

- ☐ Design of the 3D JIG tooth registration surface component.
- ☐ Design of the 3D JIG bracket attachment component.
- ☐ Manufactruing of the 3D JIGS for the 5x5 uppers of the PK Thomas Model.
- ☐ Implementation of the corresponding software.

3) Major Project Milestones

- ⊙ 3D JIG Design review: 5/15/97

b. 3D Digitizing (Eric Chapoulaud)**1) Accomplishments / Status**

- ☒ No development were implemented this month.

2) Goals For April

- ☐ No new development anticipated this month.

3) Major Project Milestones

- ⊙ Mandibular jaw of the PK Thomas model scanned: 5/18/97.

BI-3. CustomR_x CUSTOM LINGUAL APPLIANCE SYSTEM (Project 953-E; Craig Andreiko)**a. Accomplishments / Status**

- ☒ No development were implemented this month.

b. Goals For April

- ☐ No new development anticipated this month.

c. Major Project Milestone

- ⊙ Re-evaluate project once 3D scanning & jig fabrication is completed.